

3:600 St. Louis County
West Lake Landfill, Inc.
Demolition Landfill

West Lake AL-2
MBD0799/0932
Date: 17.8.
Other: 3-24-78
CJM

recorded

RECEIVED

MAR 28 1978

BUREAU OF
SOLID WASTE MANAGEMENT

March 24, 1978

Mr. William Canney
West Lake Landfill, Inc.
Route 1 Box 206
Bridgeton, Missouri 63042

Dear Mr. Canney:

On March 9, 1978, a quarterly re-inspection of the West Lake Landfill Inc. Demolition Landfill was made by representatives of the Missouri Department of Natural Resources. As a result of the inspection, the following observations were made.

UNSATISFACTORY FEATURES:

None.

COMMENTS:

Demolition materials were being dumped at the top of the working face, pushed over the edge of the face, and compacted down the face of the slope. Cover material was dumped at the bottom and worked back up the face of the slope. The operator stated that this method of spreading and compacting was used to minimize damage to the undercarriage of the compacting machine. His experience had shown that when they spread, and compacted bulky items such as large blocks of concrete and large stumps from the toe of the slope up the working face of the landfill, it was difficult for the machine to climb over the materials and frequently the undercarriage sustained damage from the effort.

Some cardboard was observed among the demolition materials. If at all possible, such excluded wastes should be diverted to the sanitary landfill.

RECOMMENDATIONS:

1. Segregate excluded wastes such as cardboard at the check in station and re-route them to the sanitary landfill.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
8460 Watson Road St. Louis, Missouri 63119 (314) 849-1313

Joseph P. Teasdale Governor
Carolyn Ashford Director
St. Louis Regional Office

40241255



SUPERFUND RECORDS

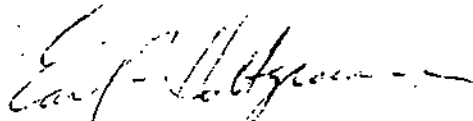
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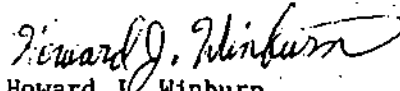
If you have any questions, please give us a call at our St. Louis Regional Office.

APPROVED:

SUBMITTED BY:



Earl F. Holtgraewe, P.E.
Regional Administrator
St. Louis Regional Office
Department of Natural Resources



Howard J. Winburn
Environmental Engineer I
St. Louis Regional Office
Department of Natural Resources

EFH/HJW/ec

CC: Paul H. Himebaugh, Suite 257, 9929 Manchester Road, Warson Woods, MO
Earl Breadon, 2337 Telegraph Rd., Lemay 63125
Ray Snider, Department of Community Health and Medical Care
801 South Brentwood Boulevard, Clayton, MO 63105
Central Office, Solid Waste Program

Re inspection

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

DEMOLITION LANDFILL SURVEILLANCE RECORD

Date: 3/9/78 Days/Week Open: 5 1/2
Name of Demolition Landfill: West Lake Landfill, Inc Demolition Landfill
Permit No: 218903 County: St. Louis
Owner: West Lake Landfill, Inc Operator: Vernon Fehr
Address: Route 1, Box 206 Address: Route 1, Box 206
Bridgeton, Mo 63042 Bridgeton, Mo 63042

I. Special Conditions and Approved Modifications

A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to weekly cover requirements)
✓ Yes No

B. Is the demolition landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")
✓ Yes No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Demolition and construction waste	<u>✓</u>	<u>✓</u>	<u>✓</u>
Brush and untreated wood waste	<u>✓</u>		
Tires			
Inert Plastics	<u>✓</u>		
OTHER WASTES (SPECIFY)			

III. Remaining Life of Landfill

A. Estimated average volume of compacted solid waste received.
2000 (~~tons~~, yards/day, ~~volume~~)

B. Estimated volume of remaining landfill covered by approved engineering plans.
96 acre feet

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IV. Satisfactory Compliance Subsections Regulations 80-4.010

Check all subsections: SAT — Satisfactory; UNS — Unsatisfactory. (If necessary, describe "UNS" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(2) SOLID WASTE ACCEPTED			
(2)(C)1	Routine sanitary landfill techniques of spreading and compacting solid waste shall be used as much as practicable to dispose of solid waste in a demolition landfill.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2)(C)2	A list of wastes to be accepted shall be displayed prominently at the site entrance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3) SOLID WASTE EXCLUDED			
(3)(C)1	A responsible supervisor shall be present at the disposal area at all times when the area is open to receive waste.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3)(C)2	Excluded wastes deposited removed to an approved disposal site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(4) SITE SELECTION			
(4)(C)	Site accessible by all-weather roads.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6) WATER QUALITY			
(6)(C)1	Surface water courses and runoff satisfactorily diverted from the landfill. Demolition landfill construction and grading to promote rapid surface water runoff without excessive erosion.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(6)(C)2	Decomposable solid wastes deposited above predicted maximum water table.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(7) AIR QUALITY			
(7)(C)	No open burning without written permission from the agency having jurisdiction.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(8) GAS CONTROL			
(8)(C)1	Decomposition gases adequately vented to prevent danger to occupants of adjacent property.	<input type="checkbox"/>	<input type="checkbox"/>
(8)(C)2	Gases vented to prohibit explosive or toxic accumulations.	<input type="checkbox"/>	<input type="checkbox"/>
(9) VECTORS			
(9)(C)	Vector control programs implemented when necessary.	<input type="checkbox"/>	<input type="checkbox"/>
(10) AESTHETICS			
(10)(C)1	Litter collected and compacted into cell be utilized daily.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(10)(C)2	Wastes easily moved by wind covered as necessary.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(10)(C)3	On-site vegetation and natural windbreaks being utilized for litter control and aesthetic appearance.	<input type="checkbox"/>	<input type="checkbox"/>

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(10) AESTHETICS (continued)			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable manner.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(11) COVER MATERIAL			
(11)(C)1	Twelve (12) inches compacted soil cover material applied at least once every seven calendar days.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(11)(C)2	Final cover of at least two (2) feet compacted soil applied on all completed areas.	<input type="checkbox"/>	<input type="checkbox"/>
(12) COMPACTION			
(12)(C)1A	Solid waste spread in layers not to exceed two (2) feet as much as practical.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(12)(C)1B	Solid waste compacted to smallest practical volume.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(12)(C)1C	Cover material compacted as much as practical.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(12)(C)2	Equipment available and operated to spread and compact the solid waste as received or at least when the accumulated waste reaches 200 cubic yards.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(12)(C)3	No solid waste disposed of in water where the water interfered with spreading and compacting or where the water is causing a mosquito problem.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(13) SAFETY			
(13)(C)1	Fire extinguishers provided on all equipment.	<input type="checkbox"/>	<input type="checkbox"/>
(13)(C)2	Provisions for extinguishing fires in waste, equipment or structures.	<input type="checkbox"/>	<input type="checkbox"/>
(13)(C)3	Scavenging prohibited.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(13)(C)4	Controlled access limited to operating hours.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(13)(C)5	Traffic control signs provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(13)(C)6	Dust control adequate.	<input type="checkbox"/>	<input type="checkbox"/>
(14) RECORDS			
(14)(C)1A	Records of complaints and major problems.	<input type="checkbox"/>	<input type="checkbox"/>
(14)(C)1B	Records of dates of cover material application.	<input type="checkbox"/>	<input type="checkbox"/>
(14)(C)1C	Records of vector control efforts.	<input type="checkbox"/>	<input type="checkbox"/>
(14)(C)1D	Records of dust and litter control efforts.	<input type="checkbox"/>	<input type="checkbox"/>
(14)(C)1E	Records of quantity of waste received.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(14)(C)2	Records of location of general types of wastes and depth of fill.	<input type="checkbox"/>	<input type="checkbox"/>

V. Operation Proceeding in Accordance With Approved Engineer Plans? (If "No," describe violations under "Remarks.")

☒ Yes

☐ No

REMARKS Some cardboard was mixed in the demolition wastes on site. The cliff method of dumping and spreading the solid wastes was being practiced.

(Attach additional sheets as necessary.)

BY

Howard J. Winkburn

SIGNATURE OF INVESTIGATOR